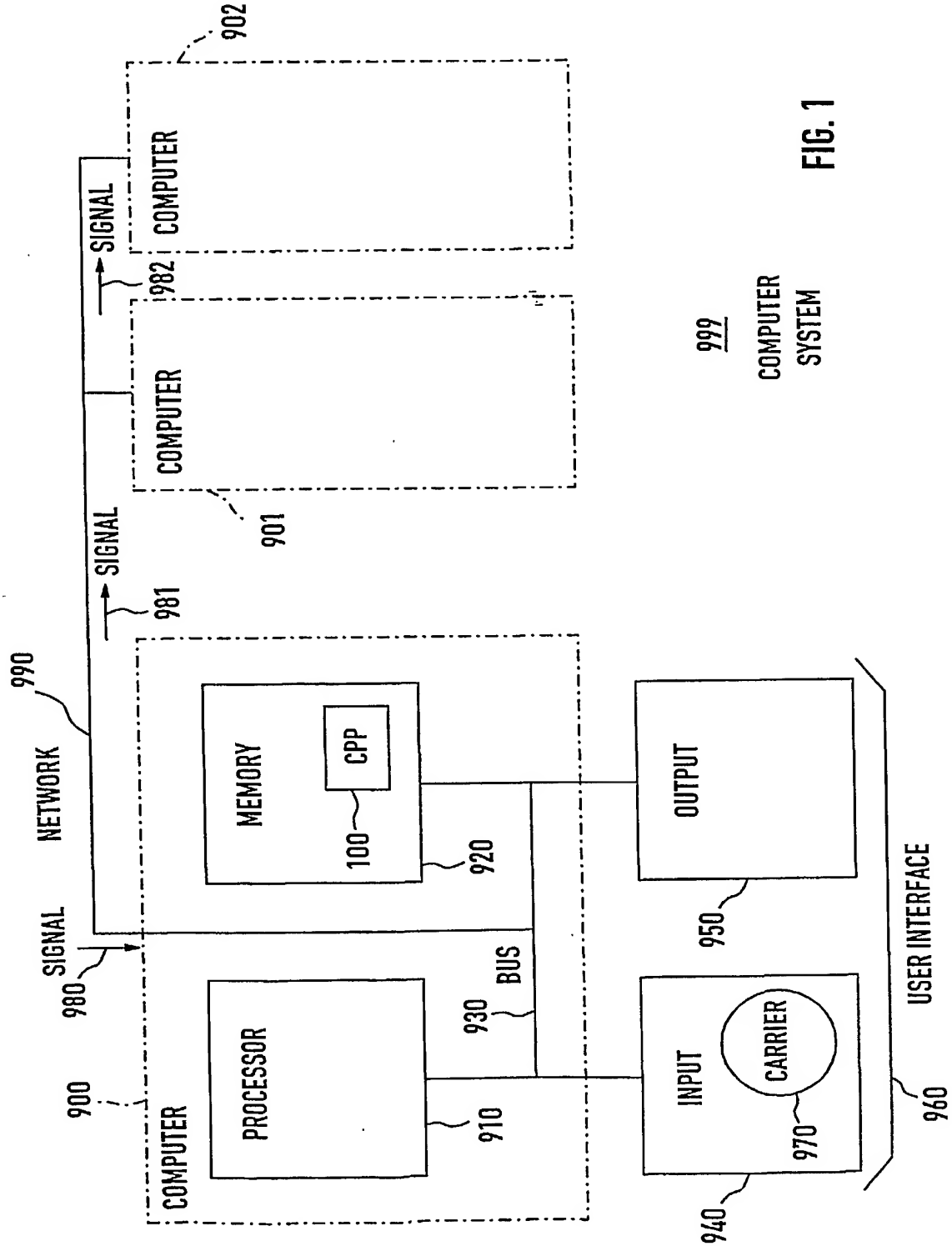
902
COMPUTER
SIGNAL
982
COMPUTER
901
SIGNAL
981
990
NETWORK
MEMORY
CPP
100
920
OUTPUT
950
SIGNAL
980
BUS
930
PROCESSOR
910
INPUT
CARRIER
970
940
900
COMPUTER
960
USER INTERFACE
999
COMPUTER SYSTEM

FIG. 1

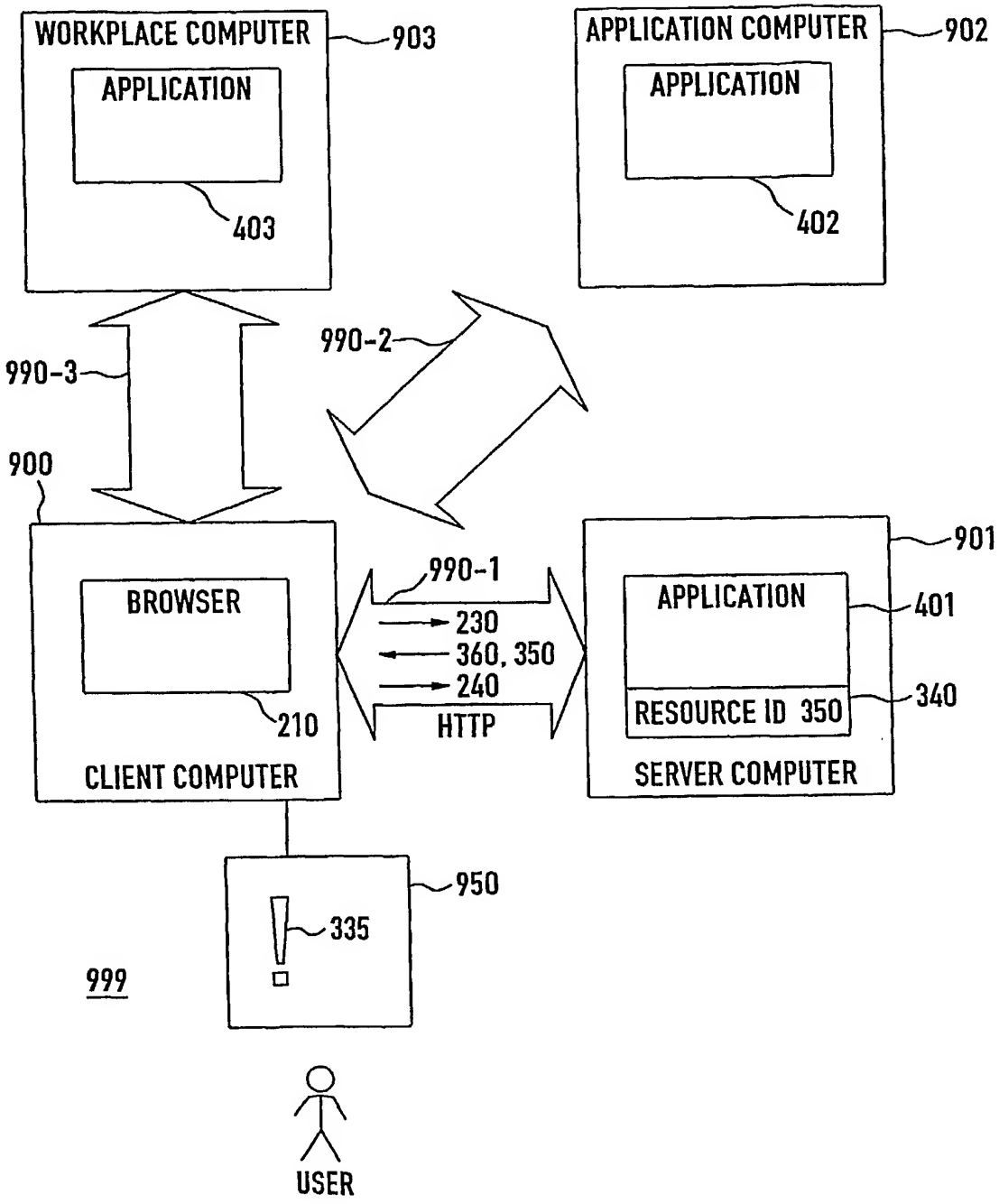
WORKPLACE COMPUTER
903
APPLICATION
403
APPLICATION COMPUTER
902
APPLICATION
402
990-2
990-3
900
BROWSER
210
CLIENT COMPUTER
990-1
230
360, 350
240
HTTP
901
APPLICATION
401
RESOURCE ID 350
340
SERVER COMPUTER
950
335
999
USER

FIG. 2

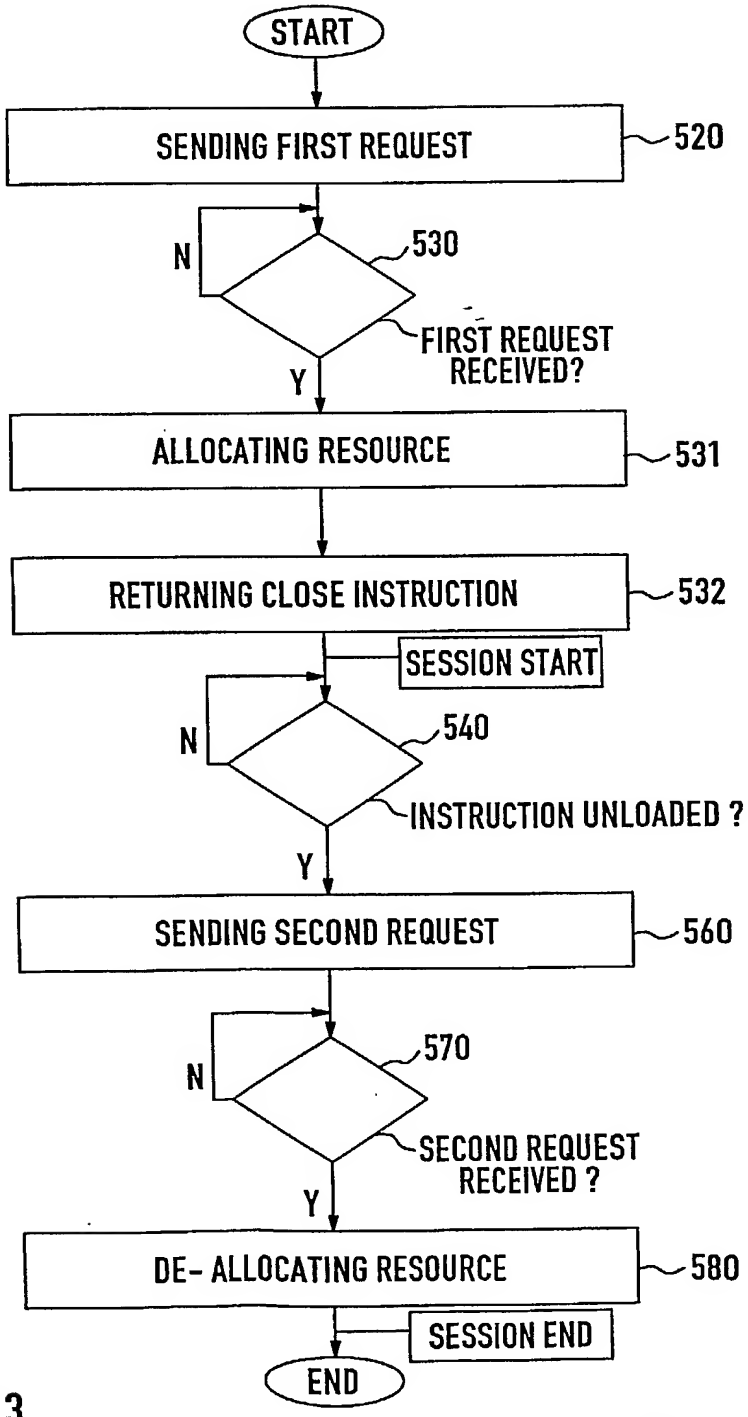
START
SENDING FIRST REQUEST
520
N
530
FIRST REQUEST RECEIVED?
Y
ALLOCATING RESOURCE
531
RETURNING CLOSE INSTRUCTION
532
SESSION START
N
540
INSTRUCTION UNLOADED ?
Y
SENDING SECOND REQUEST
560
N
570
SECOND REQUEST RECEIVED ?
Y
DE- ALLOCATING RESOURCE
580
SESSION END
END

FIG. 3

500

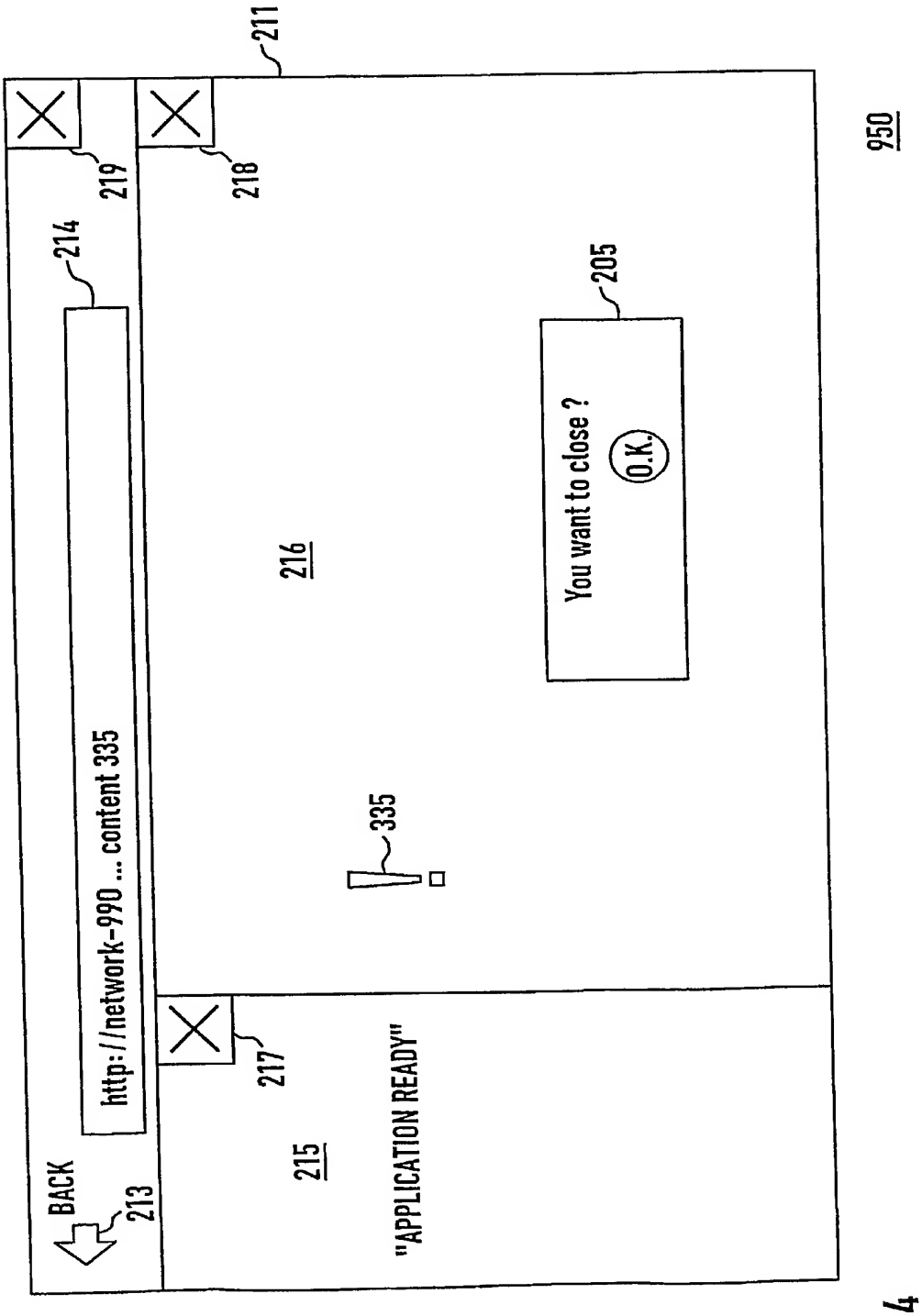
211
950
219
218
214
205
You want to close ?
O.K.
216
335
http://network-990 ... content 335
217
215
"APPLICATION READY"
BACK
213

FIG. 4

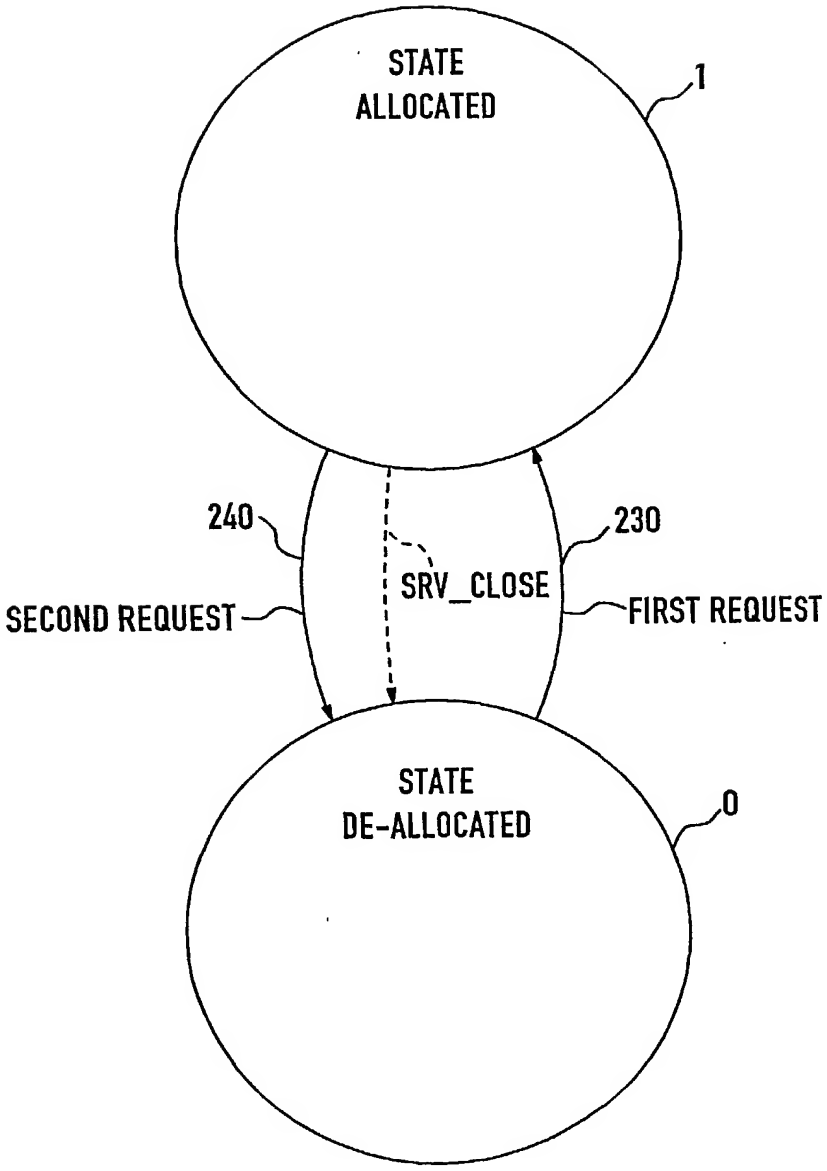
STATE
ALLOCATED
1
240
230
SRV_CLOSE
SECOND REQUEST
FIRST REQUEST
STATE
DE-ALLOCATED
0

FIG. 5

```
1    <HTML>    <HEAD>    <TITLE> Instruction-360 </TITLE>
         <script language="JavaScript">
2    var gs TerminationURL=" . . . "
3    function sending_560_second_request()
         if (gsTerminationURL != "")
         alert("sending_560_second_request_240: n"
         + "Client . . .:" + gsTERMINATIONURL );
4    function receiveSessInfo( termURL )
         gsTerminationURL = termURL;
5    </sript> </Head>
6    <BODY onunload="sending_560_second_request()">
7    This is first frame 215 . . . The session has now started.
8    Preferably, content frames are indicated inside a content
     frame:
9    <IFRAME scr="content-page-335.htm" width="50%"
     height="50%" frameborder="yes" scrolling="yes" >
10   </IFRAME>        </BODY>    </HTML>
```

FIG. 6

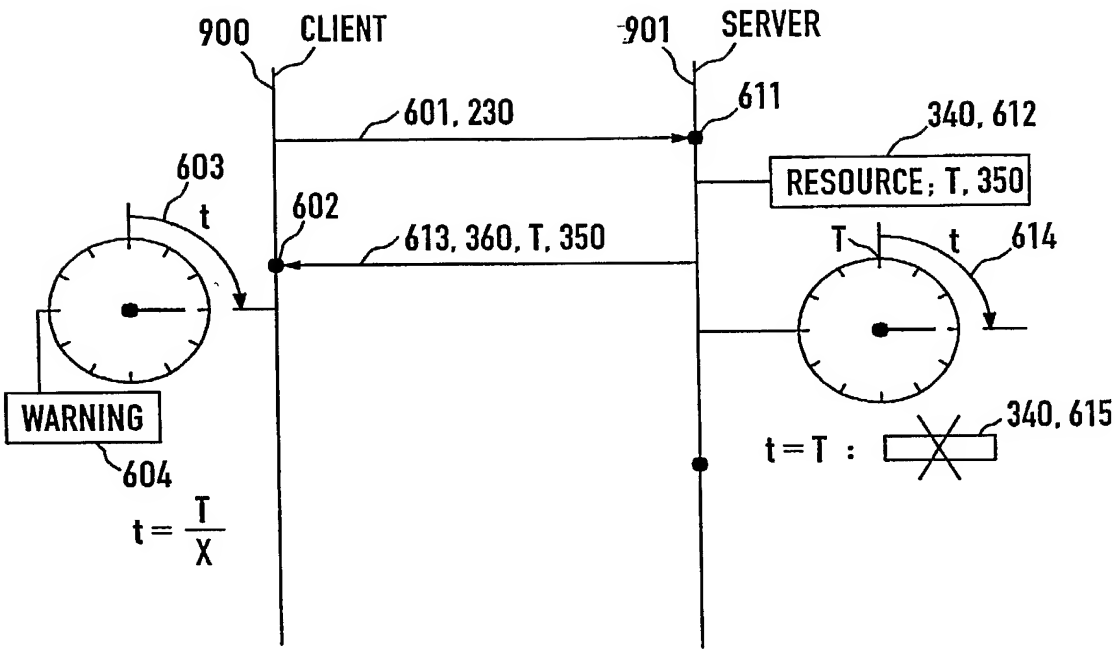
900
CLIENT
901
SERVER
611
601, 230
340, 612
RESOURCE; T, 350
603
t
602
613, 360, T, 350
T
t
614
WARNING
604
t = T/X
340, 615
t = T :
600

FIG. 7

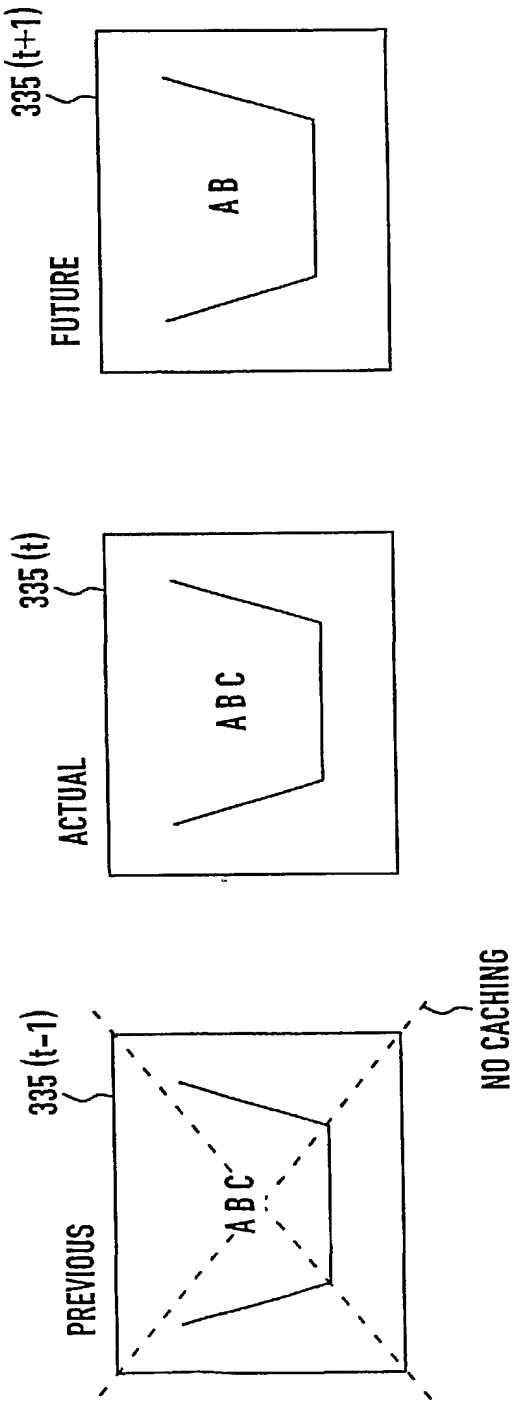
335 (t+1)
FUTURE
A B
335 (t)
ACTUAL
A B C
335 (t-1)
PREVIOUS
A B C
NO CACHING

FIG. 8

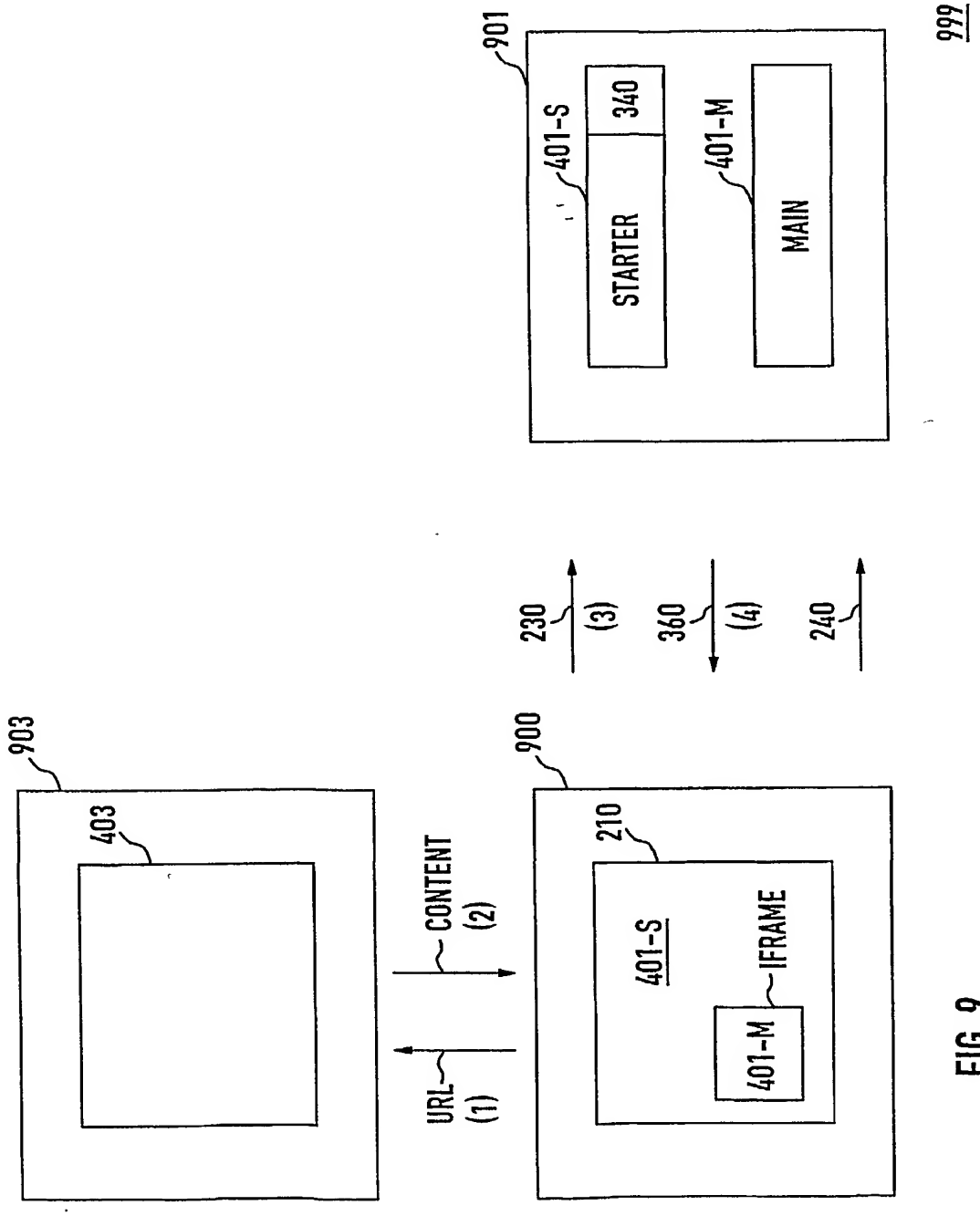
999
901
401-S
340
STARTER
401-M
MAIN
230
(3)
360
(4)
240
903
403
900
210
401-S
IFRAME
401-M
CONTENT
(2)
URL
(1)

FIG. 9

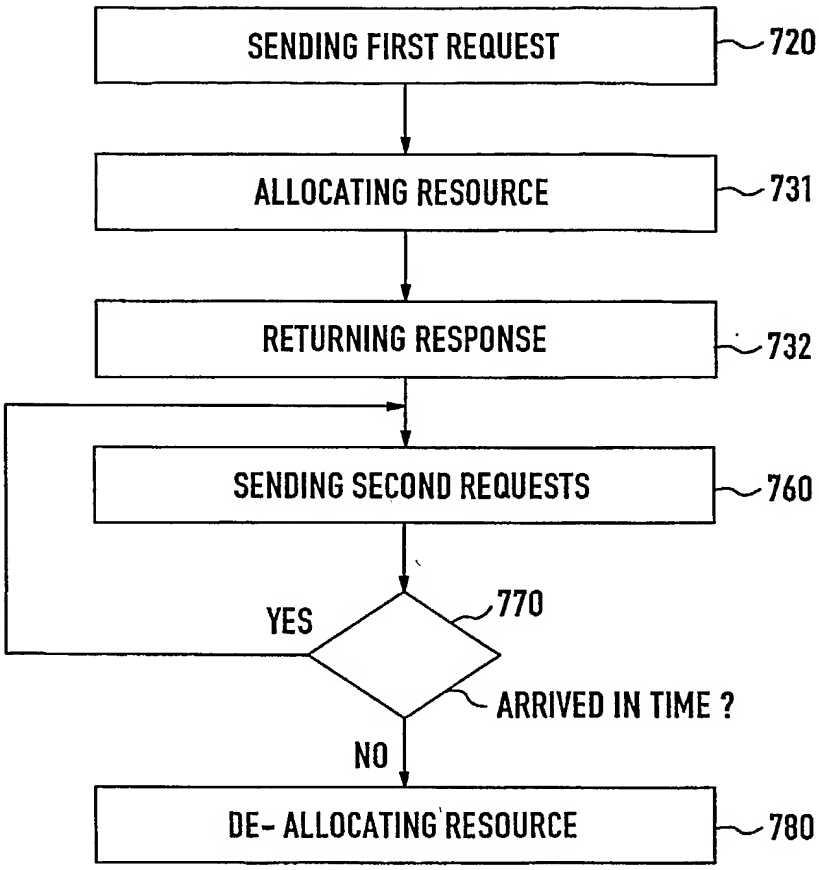
SENDING FIRST REQUEST
720
ALLOCATING RESOURCE
731
RETURNING RESPONSE
732
SENDING SECOND REQUESTS
760
YES
770
ARRIVED IN TIME ?
NO
DE- ALLOCATING RESOURCE
780
700

FIG. 10